

## REMARKS

### I. Status Summary

Claims 14-19 are pending in the present application. Claims 14 and 18 have been amended. New Claims 33-36 have been added. Therefore, upon entry of this Amendment, Claims 14-19 and 33-36 will be pending. No new matter has been introduced by the present amendment. Reconsideration of the application as amended and based on the arguments set forth hereinbelow is respectfully requested.

The **Cross-Reference to Related Application** section of the specification has been amended to state that parent U.S. patent application serial no. 09/434,406 issued September 23, 2003 as U.S. Patent No. 6,625,567.

Claims 14 and 18 have been amended by this Amendment in order to better clarify the present subject matter, as described further below. Also, paragraph (b) of Claim 18 has been amended to correct a typographical error. Specifically, the word "a" has been replaced with the word "of".

### II. Claim Rejections Under 35 U.S.C. §103

The Examiner has rejected Claims 14-19 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 5,521,844 to Karis (hereinafter, "Karis") in view of U.S. Patent No. 5,946,661 to Rothschild et al. (hereinafter, "Rothschild"). This rejection is respectfully traversed.

Regarding Claim 14, the Examiner stated that Figures 14 and 15 of Karis teach all of the steps recited by Claim 14 except for the step of displaying, on a display, a second window including a table of statistical measures for a selected parameter

description in the first window. (Official Action, pages 2 and 3.) The Examiner also stated that Figure 10 of Rothschild teaches a window including a table of statistical measures for a selected parameter. (Official Action, page 3.) Further, the Examiner stated that it would have been obvious to one of ordinary skill in the art to modify Karis with the teachings of Rothschild to include a table for the selected parameter with the motivation to provide the user with more detailed information about the selected parameter. (Official Action, page 3.)

Claim 14 has been amended as set forth above to recite a step for displaying, on the display, a first window including parameter descriptions for mail or paper processing parameter values produced from analysis of time-tagged data, and including status information indicating the results of comparing the parameter values to reference values. In addition, Claim 14 recites displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Claim 14 also recites a step for displaying, on the display, a third window including a graph of measured values for the selected parameter description. Support for the amendments to Claim 14 can be found throughout the application, particularly, at page 32, line 23, to page 33, line 2. Summarily, neither Karis nor Rothschild, alone or in combination, discloses or suggests the above steps recited by Claim 14.

The Examiner contends that Figure 14 of Karis teaches step (a) of Claim 14. (Official Action, page 2.) Referring to Figure 14 of Karis, a screen display for press tension monitoring is illustrated. A web paper tension level is indicated by triangle 180 which moves in real time in accordance with data collected from a sensor. (Karis,

column 9, lines 40-45.) A reference arrow **184** shows a target tension level. (Karis, column 9, lines 46-48.) Bars **186**, **188**, and **190** indicate recommended and allowable tensions. (Karis, column 9, lines 48-55.) Thus, Figure 14 of Karis discloses displaying actual tension level in real time. In contrast, step (a) of Claim 14 recites displaying a first window including parameter descriptions for mail or processing parameter values produced from analysis of time-tagged data. Nowhere does Karis disclose a feature of displaying parameter descriptions for mail or processing parameter values produced from analysis of time-tagged data. Moreover, Karis teaches away from utilizing time-tagged data because of its emphasis on analysis in real time. Additionally, Karis offers no suggestion or motivation to modify the system disclosed therein to arrive at the features recited by step (a) of Claim 14.

Step (b) of Claim 14 recites a step for displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. As previously stated, nowhere does Karis disclose a feature of displaying parameter descriptions produced from analysis of time-tagged data.

The Examiner also contends that Figure 15 of Karis teaches step (c) of Claim 14. (Official Action, page 2.) Referring to Figure 15 of Karis, a screen display of a tension history graph is illustrated. The graph illustrates the tension history obtained from a paper roll from the start of the roll on the press. (Karis, column 9, lines 56-58.) In contrast, step (c) of Claim 14 recites displaying a third window including a graph of measured values for the selected parameter description. As previously stated, step (b) of Claim 14 was amended to recite that a selected parameter description is

produced from analysis of time-tagged data. The tension level history data shown in Figure 15 of Karis are not produced by analysis of time-tagged data. Additionally, Karis offers no suggestion or motivation to modify the system disclosed therein to arrive at the features recited by step (c) of Claim 14.

Rothschild fails to overcome the significant shortcomings of Karis. In particular, Rothschild does not disclose or suggest steps (a), (b), or (c) of amended Claim 14. The Examiner noted Figure 10 of Rothschild. (Official Action, page 3.) Referring to Figure 10, a work cell yield report for a work cell completing a cut/tape process is illustrated. (Rothschild, column 11, lines 55-57.) A list of stock numbers associated with a given product is listed in a first column. (Rothschild, column 11, lines 59 and 60.) Other associated values are listed in columns 3-6. (Rothschild, column 11, lines 60-65.) In contrast, step (a) of Claim 14 recites displaying a first window including parameter descriptions for mail or processing parameter values produced from analysis of time-tagged data. Also, in contrast, step (b) of Claim 14 recites displaying a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Further, in contrast, step (c) of Claim 14 recites displaying a third window including a graph of measured values for the selected parameter description. Nowhere does Rothschild disclose the features recited by steps (a), (b), or (c) of Claim 14. Additionally, Rothschild offers no suggestion or motivation to modify the system disclosed therein to arrive at the presently claimed subject matter.

Claims 15-17 depend from Claim 14. Therefore, the comments presented above relating to Claim 14 apply equally to Claims 15-17.

Regarding Claim 18, the Examiner stated that Figures 14 and 15 of Karis teach all of the steps recited by Claim 18 except for the step of displaying, on a display, a second window including a table of statistical measures for a selected parameter description in the first window. (Official Action, page 4.) The Examiner also stated that Figure 10 of Rothschild teaches a window including a table of statistical measures for a selected parameter. (Official Action, pages 4 and 5.) Further, the Examiner stated that it would have been obvious to one of ordinary skill in the art to modify Karis with the teachings of Rothschild to include a table for the selected parameter with the motivation to provide the user with more detailed information about the selected parameter. (Official Action, page 5.)

Claim 18 has been amended to recite a step for displaying, on the display, a first window including parameter descriptions for mail or paper processing parameter values produced from analysis of time-tagged data, and including status information indicating the results of comparing the parameter values to reference values. In addition, Claim 18 recites a step for displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Claim 18 also recites a step for displaying, on the display, a third window including a graph of measured values for the selected parameter description. Support for the amendments to Claim 18 can be found throughout the application, particularly, at page 32, line 23, to page 33, line 2. Summarily, neither Karis nor Rothschild, alone or in combination, discloses or suggests the above steps recited by Claim 18.

The Examiner contends that Figure 14 of Karis teaches step (a) of Claim 18. (Official Action, page 4.) Referring to Figure 14 of Karis, a screen display for press tension monitoring is illustrated. As previously stated, Figure 14 of Karis includes a triangle **180** which moves in real time in accordance with data collected from a sensor. (Karis, column 9, lines 40-45.) In addition, reference arrow **184** shows a target tension level. (Karis, column 9, lines 46-48.) Bars **186**, **188**, and **190** indicate recommended and allowable tensions. (Karis, column 9, lines 48-55.) Thus, as previously stated, Figure 18 of Karis discloses displaying actual tension level in real time. In contrast, step (a) of Claim 18 recites displaying a first window including parameter descriptions for mail or processing parameter values produced from analysis of time-tagged data. Further, nowhere does Karis disclose displaying parameter descriptions for mail or processing parameter values produced from analysis of time-tagged data. Moreover, Karis teaches away from utilizing time-tagged data because of its emphasis on analysis in real time. Additionally, Karis offers no suggestion or motivation to modify the system disclosed therein to arrive at the features recited by amended step (a) of Claim 18.

Step (b) of Claim 18 recites a step for displaying, on the display, a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. As previously stated, nowhere does Karis disclose a feature of displaying parameter descriptions produced from analysis of time-tagged data.

The Examiner also contends that Figure 15 of Karis teaches step (c) of Claim 18. (Official Action, page 4.) As previously stated, Figure 15 of Karis shows the

tension history obtained from a paper roll from the start of the roll on the press. (Karis, column 9, lines 56-58.) In contrast, step (c) of Claim 18 recites displaying a third window including a graph of measured values for the selected parameter description. In addition, step (b) of Claim 18 was amended to recite that a selected parameter description is produced from analysis of time-tagged data. The tension level history data shown in Figure 15 of Karis are not produced by analysis of time-tagged data. Additionally, Karis offers no suggestion to modify the system disclosed therein to arrive at the features recited by amended step (c) of Claim 18.

Rothschild fails to overcome the significant shortcomings of Karis. In particular, Rothschild does not disclose or suggest steps (a), (b), or (c) of amended Claim 18. Referring to Figure 10 of Rothschild, a work cell yield report for a work cell completing a cut/tape process is illustrated. (Rothschild, column 11, lines 55-57.) A list of stock numbers associated with a given product is listed in a first column. (Rothschild, column 11, lines 59 and 60.) Other associated values are listed in columns 3-6. (Rothschild, column 11, lines 60-65.) In contrast, step (a) of Claim 18 recites displaying a first window including parameter descriptions for mail or processing parameter values produced from analysis of time-tagged data. Also, in contrast, step (b) of Claim 18 recites displaying a second window including a table of statistical measures for a selected parameter description produced from analysis of time-tagged data in the first window. Also, in contrast, step (c) of Claim 18 recites displaying a third window including a graph of measured values for the selected parameter description. Nowhere does Rothschild disclose the features recited by steps (a), (b),

or (c) of amended Claim 18. Additionally, Rothschild offers no suggestion to modify the system disclosed therein to arrive at the presently claimed subject matter.

Claim 19 depends from Claim 18. Therefore, the comments presented above relating to Claim 19 apply equally to Claim 18.

Applicant respectfully submits that the teachings of Karis and Rothschild, either alone or in combination, do not teach or suggest each and every element of the present subject matter, and therefore that Claims 14-19 are not obvious in view of the Karis and Rothschild. Applicant, therefore, respectfully requests that the rejection of Claims 14-19 under 35 U.S.C. § 103(a) be withdrawn and Claims 14-19 allowed at this time.

### III. New Claims

New Claims 33-36 have been added and are believed to be patentably distinguishable from Karis and Rothschild, either alone or in combination. Specifically, independent Claim 33 recites displaying a first window including parameter description for industrial processing parameter values produced from analysis of time-tagged data. Nowhere does Karis and Rothschild, alone or in combination, disclose displaying a first window including parameter description for industrial processing parameter values produced from analysis of time-tagged data. Therefore, applicant respectfully submits that Claim 33 should be allowed at this time.

Claims 34-36 depend from Claim 33. Therefore, the comments presented above relating to Claim 33 apply equally to Claims 34-36. Thus, applicant respectfully submits that Claims 34-36 should be allowed at this time.



CONCLUSION

In light of the above amendments and remarks, it is respectfully submitted that the present application is now in proper condition for allowance, and an early notice to such effect is earnestly solicited.

If any small matter should remain outstanding after the Patent Examiner has had an opportunity to review the above Remarks, the Patent Examiner is respectfully requested to telephone the undersigned patent attorney in order to resolve these matters and avoid the issuance of another Official Action.

Serial No.: 10/055,604

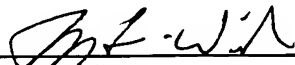
DEPOSIT ACCOUNT

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

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